

Jump, Christine

From: Michael Stephenson <mstephenson@cameron-cole.com>
Sent: Friday, August 22, 2014 4:20 PM
To: Jump, Christine
Cc: SMITH, MARTIN L; Brady Gerber
Subject: Wichita Schedule Update Friday 8/22/14
Attachments: Color Coded - Between Building JI (No Samp Location).pdf; NBJ Soil Confirmation Results.pdf

Hello Chris,

A quick update on the planned site activities for Wichita for next week.

- Complete excavation at the west of end Building I
- Pour the concrete floor in Building J
- Backfill, compact and pour concrete at the west end of Building J
- Set up erosion control for Phase II
- Remove/reconfigure Fenceline in the northeastern corner
- Initiate activities pursuant to re-routing the gas line that enters the property in the northeastern corner.

NBJ Excavation Summary and Results

Attached are the results of soil confirmation sampling for the area between Buildings I and J and a map showing sample locations. As you can see in the data, all sidewall samples were below IAOs. Due to a detection of vinyl chloride in the floor sample at five feet, the excavation was extended to eight feet and resampled for VC. The VC result for this sample was below the IAO. The excavation has been backfilled.

West Building I Excavation Summary

The excavation at the west end of Building I is partially backfilled for structural purposes as we wait for some 1,4-dioxane results to come in and the remaining VOC results to be finalized. The laboratory had a instrument failure which is delaying the 1,4-dioxane results. We do have some preliminary results from this excavation in hand that indicate the excavation limits will approximate the dimensions shown in the work plan. However, one of the eastern sidewall samples contained high BTEX and TMB concentrations that we likely will not be able to excavate due to the building. We will transmit the Building I data once it is all in hand and finalized.

Let me know if you have any questions regarding this information. We will be in touch next week.

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RCRA



534227

Clean Harbors Wichita
Excavation Confirmation Sample Results (Detected Compounds)
NBJ Area (Between Bldgs I and J)

Organics (ug/kg)															Metals (mg/kg)				
Location	Depth (ft. bgs.)	1,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	Vinyl chloride	Acetone	Carbon disulfide	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Ethylbenzene	Toluene	Xylene (Total)	m&p-Xylene	o-Xylene	1,4-Dioxane (p-Dioxane)	Arsenic	Barium	Cadmium	Chromium	Lead
IAO -->		NA	855	20.5	51600	6710	1070	5510	65600	51200	809000	809000	809000	38.4	63.2	277000	965	111	1000
NBJ1-F1	5	10.7	10.7	40.0	<9.7	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.5	6.6	174	0.32	24.2	12.5
NBJ1-F2	8	NA	NA	9.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NBJ1-S1	2.5	<3.0	<3.0	<3.0	50.7	<3.0	6.5	4.1	17.5	3.7	29.5	21.9	7.6	<2.7	NA	NA	NA	NA	NA
NBJ1-S2	2.5	<2.9	<2.9	<2.9	18.0	4.3	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	3.7	NA	NA	NA	NA	NA
NBJ1-S3	2.5	<2.6	<2.6	<2.6	12.1	16.2	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA
NBJ1-S4	2.5	<2.7	<2.7	<2.7	22.6	6.2	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.6	NA	NA	NA	NA	NA

Notes:

NA - Not Analyzed

ug/kg - micrograms per kilogram

mg/kg - milligrams per kilogram

Bolded Values exceeded the IAO



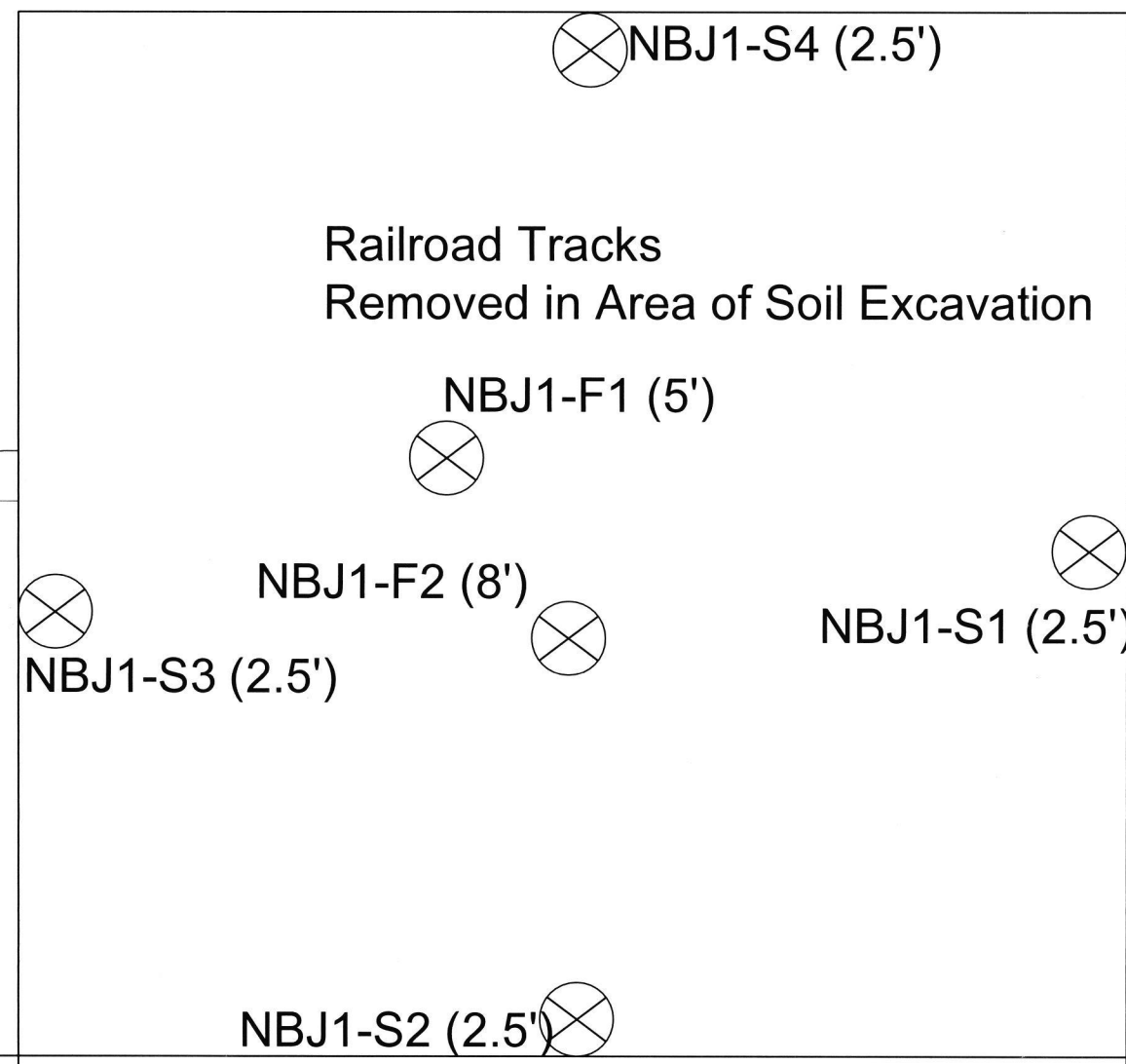
Concrete

BJ-1

Concrete

Railroad Tracks

Railroad Tracks
Removed in Area of Soil Excavation



LEGEND

- GROUNDWATER MONITORING WELL (2 INCH)
- (UPRR) INDICATES A WELL ON UPPER PROPERTY
- GEOPROBE MONITORING WELL (1 INCH)
- SURFACE WATER SAMPLE
- RAILROAD TRACKS
- FENCE
- - - FACILITY BOUNDARY (NOT SURVEYED)
- WELL NOT SURVEYED, LOCATION APPROXIMATE
- STORMWATER FLOW DIRECTIONS

- ▲ HISTORICAL GEOPROBE SOIL BORING LOCATION
 - △ HISTORICAL GEOPROBE SOIL BORING (GEOPROBE WATER SAMPLE ALSO COLLECTED)
 - DIRECT PUSH SOIL SAMPLE LOCATION
 - DIRECT PUSH SOIL SAMPLE LOCATION (DEC. 2013)
 - DIRECT PUSH SOIL SAMPLE LOCATION (JAN. 2014)
- DEPTHS AT WHICH KDHE STANDARDS ARE EXCEEDED
- 0-5' DEPTH
 - 0-10' DEPTH
 - 0-15' DEPTH
 - 5-10' DEPTH
 - 10-15' DEPTH
 - 10-20' DEPTH
 - TOTAL EXTEND OF ORGANIC COMPOUNDS

BASE DRAWING PROVIDED BY CAMERON-COLE

J8-S4 (2.5')



CLEAN HARBORS
PROJECT NAME
AREA BETWEEN BUILDING J & I
EXCAVATION AREA MAP
SHEET TITLE
B.GERBER PROJECT MGR. B.WEAST DRAWN BY: B.GERBER CHECKED BY
8-19-2014 DATE 1404025 JOB NO. 1 / 1 SHEET/OF